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(54) **RAKE receiver**

(57) The present invention provides a radio communication apparatus capable of executing the assignment of a reception path at a proper timing, thereby effectively using fingers and reducing the execution frequency of the synchronizing process to restrict the deterioration of the communication quality. A control section (8) sets a parameter of a reception path selection cycle to determine a reception path assignment cycle, at a predetermined timing concerning each of fingers (4), in accordance with an electric power of a signal in a reception path assigned to the finger (4), by assignment cycle setting means (8a). The control section (8) assigns a new reception path for each of the fingers (4), in accordance with the fact that from a time of the previous reception path assignment, the assignment cycle determined by the parameter set at the time by the assignment cycle setting means (8a) has passed.

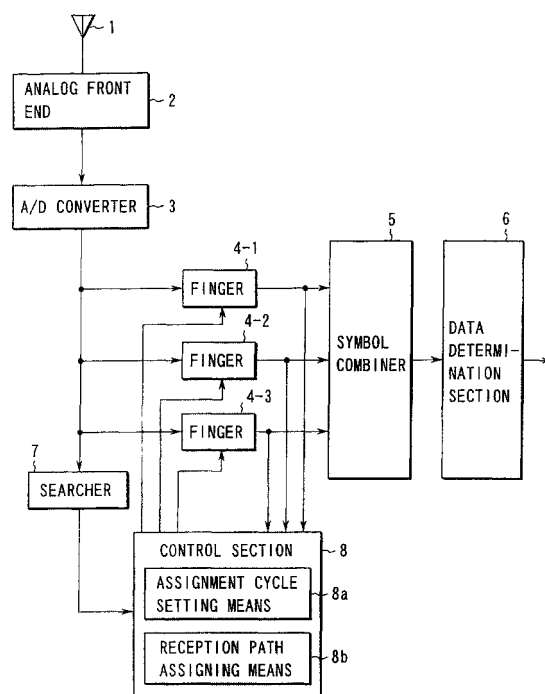


FIG. 3



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 00 10 5951

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
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			TECHNICAL FIELDS SEARCHED (Int.Cl.7) H04B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 5 September 2002	Examiner Amorotti, M
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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EP 00 10 5951

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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